

## RELIABLE MULTICAST

### Abstract of the Disclosure

5           A reliable multicast service is operated between a source device and  
multiple destination devices participating in a multicast group. The source  
device includes a first source application instance (AI) producing a first unit of  
work stream, and communication services (CS). Each destination device in the  
multicast group includes CS, and at least one destination AI which consumes  
10   units of work. Communication services/fabric provide communication between  
the source device and the multiple destination devices. Multiple source and  
destination resources (SDRs) implement corresponding multiple reliable  
transport services between the source device and corresponding multiple  
destination devices in the multicast group for delivery of the first unit of work  
15   stream to the corresponding destination devices and guaranteeing strong ordering  
of the first unit of work stream received at the corresponding destination devices.

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